

=====

Sequence Listing was accepted.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: markspencer

Timestamp: [year=2008; month=3; day=25; hr=9; min=8; sec=35; ms=457; ]

=====

Application No: 10588078 Version No: 1.0

**Input Set:**

**Output Set:**

**Started:** 2008-03-11 13:39:17.263  
**Finished:** 2008-03-11 13:39:31.057  
**Elapsed:** 0 hr(s) 0 min(s) 13 sec(s) 794 ms  
**Total Warnings:** 354  
**Total Errors:** 178  
**No. of SeqIDs Defined:** 354  
**Actual SeqID Count:** 354

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
E 257	Invalid sequence data feature in <221> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
E 257	Invalid sequence data feature in <221> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
E 257	Invalid sequence data feature in <221> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
E 257	Invalid sequence data feature in <221> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
E 257	Invalid sequence data feature in <221> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
E 257	Invalid sequence data feature in <221> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
E 257	Invalid sequence data feature in <221> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
E 257	Invalid sequence data feature in <221> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
E 257	Invalid sequence data feature in <221> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
E 257	Invalid sequence data feature in <221> in SEQ ID (10)

**Input Set:**

**Output Set:**

**Started:** 2008-03-11 13:39:17.263  
**Finished:** 2008-03-11 13:39:31.057  
**Elapsed:** 0 hr(s) 0 min(s) 13 sec(s) 794 ms  
**Total Warnings:** 354  
**Total Errors:** 178  
**No. of SeqIDs Defined:** 354  
**Actual SeqID Count:** 354

Error code

Error Description

W 213 Artificial or Unknown found in <213> in SEQ ID (11)  
E 257 Invalid sequence data feature in <221> in SEQ ID (11)  
W 213 Artificial or Unknown found in <213> in SEQ ID (12)  
E 257 Invalid sequence data feature in <221> in SEQ ID (12)  
W 213 Artificial or Unknown found in <213> in SEQ ID (13)  
E 257 Invalid sequence data feature in <221> in SEQ ID (13)  
W 213 Artificial or Unknown found in <213> in SEQ ID (14)  
E 257 Invalid sequence data feature in <221> in SEQ ID (14)  
W 213 Artificial or Unknown found in <213> in SEQ ID (15)  
E 257 Invalid sequence data feature in <221> in SEQ ID (15)  
W 213 Artificial or Unknown found in <213> in SEQ ID (16)  
E 257 Invalid sequence data feature in <221> in SEQ ID (16)  
W 213 Artificial or Unknown found in <213> in SEQ ID (17)  
E 257 Invalid sequence data feature in <221> in SEQ ID (17)  
W 213 Artificial or Unknown found in <213> in SEQ ID (18)  
E 257 Invalid sequence data feature in <221> in SEQ ID (18)  
W 213 Artificial or Unknown found in <213> in SEQ ID (19)  
E 257 Invalid sequence data feature in <221> in SEQ ID (19)  
W 213 Artificial or Unknown found in <213> in SEQ ID (20)  
This error has occurred more than 20 times, will not be displayed  
E 257 Invalid sequence data feature in <221> in SEQ ID (20)  
This error has occurred more than 20 times, will not be displayed



SEQUENCE LISTING

<110> Downham, Matthew Richard  
Glover, James Francis  
Hanily, Rachel Emma

<120> CJD Prion Testing

<130> DOWN3001/REF

<140> 10588078

<141> 2008-03-11

<150> PCT/GB05/00328

<151> 2005-01-27

<160> 354

<170> PatentIn version 3.4

<210> 1

<211> 29

<212> PRT

<213> Unknown

<220>

<223> polypeptide corresponding to a section of PrP27-30

<220>

<221> VARIANT

<222> (10)..(10)

<223> /replace="Ser"

<220>

<221> VARIANT

<222> (12)..(12)

<223> /replace="Ser" /replace="Ala"

<220>

<221> VARIANT

<222> (18)..(18)

<223> /replace="Ser"

<220>

<221> VARIANT

<222> (23)..(23)

<223> /replace="Ser"

<220>

<221> VARIANT

<222> (24)..(24)

<223> /replace="Leu" /replace="Phe"

<220>

<221> Xaa

<222> (27) .. (27)  
<223> Xaa is either Val or Met

<400> 1

Gly Gly Gly Trp Gly Gln Gly Gly Thr His Gly Gln Trp Asn Lys  
1 5 10 15

Pro Ala Lys Pro Lys Thr Ala Met Lys His Xaa Ala Gly  
20 25

<210> 2  
<211> 28  
<212> PRT  
<213> Unknown

<220>  
<223> polypeptide corresponding to a section of PrP27-30

<220>  
<221> VARIANT  
<222> (9) .. (9)  
<223> /replace="Ser"

<220>  
<221> VARIANT  
<222> (11) .. (11)  
<223> /replace="Ser" /replace="Ala"

<220>  
<221> VARIANT  
<222> (17) .. (17)  
<223> /replace="Ser"

<220>  
<221> VARIANT  
<222> (22) .. (22)  
<223> /replace="Ser"

<220>  
<221> VARIANT  
<222> (23) .. (23)  
<223> /replace="Leu" /replace="Phe"

<220>  
<221> Xaa  
<222> (26) .. (26)  
<223> Xaa is either Val or Met

<400> 2

Gly Gly Trp Gly Gln Gly Gly Thr His Gly Gln Trp Asn Lys Pro  
1 5 10 15

Ala Lys Pro Lys Thr Ala Met Lys His Xaa Ala Gly  
20 25

<210> 3  
<211> 27  
<212> PRT  
<213> Unknown

<220>  
<223> polypeptide corresponding to a section of PrP27-30

<220>  
<221> VARIANT  
<222> (8)..(8)  
<223> /replace="Ser"

<220>  
<221> VARIANT  
<222> (10)..(10)  
<223> /replace="Ser" /replace="Ala"

<220>  
<221> VARIANT  
<222> (16)..(16)  
<223> /replace="Ser"

<220>  
<221> VARIANT  
<222> (21)..(21)  
<223> /replace="Ser"

<220>  
<221> VARIANT  
<222> (22)..(22)  
<223> /replace="Leu" /replace="Phe"

<220>  
<221> Xaa  
<222> (25)..(25)  
<223> Xaa is either Val or Met

<400> 3

Gly Trp Gly Gln Gly Gly Thr His Gly Gln Trp Asn Lys Pro Ala  
1 5 10 15

Lys Pro Lys Thr Ala Met Lys His Xaa Ala Gly  
20 25

<210> 4  
<211> 26  
<212> PRT

<213> Unknown  
<220>  
<223> polypeptide corresponding to a section of PrP27-30

<220>  
<221> VARIANT  
<222> (7)..(7)  
<223> /replace="Ser"

<220>  
<221> VARIANT  
<222> (9)..(9)  
<223> /replace="Ser" /replace="Ala"

<220>  
<221> VARIANT  
<222> (15)..(15)  
<223> /replace="Ser"

<220>  
<221> VARIANT  
<222> (20)..(20)  
<223> /replace="Ser"

<220>  
<221> VARIANT  
<222> (21)..(21)  
<223> /replace="Leu" /replace="Phe"

<220>  
<221> Xaa  
<222> (24)..(24)  
<223> Xaa is either Val or Met

<400> 4

Trp Gly Gln Gly Gly Thr His Gly Gln Trp Asn Lys Pro Ala Lys  
1 5 10 15

Pro Lys Thr Ala Met Lys His Xaa Ala Gly  
20 25

<210> 5  
<211> 28  
<212> PRT  
<213> Unknown

<220>  
<223> polypeptide corresponding to a section of PrP27-30

<220>  
<221> VARIANT

```
<222>  (9)..(9)
<223> /replace="Ser"

<220>
<221> VARIANT
<222> (11)..(11)
<223> /replace="Ser" /replace="Ala"

<220>
<221> VARIANT
<222> (17)..(17)
<223> /replace="Ser"

<220>
<221> VARIANT
<222> (22)..(22)
<223> /replace="Ser"

<220>
<221> VARIANT
<222> (23)..(23)
<223> /replace="Leu" /replace="Phe"
```

```
<220>
<221> Xaa
<222> (26)..(26)
<223> Xaa is either Val or Met
```

```
<400> 5
```

Gly Gly Gly Gln Gly Gly Thr His Gly Gln Trp Asn Lys Pro  
1 5 10 15

Ala Lys Pro Lys Thr Ala Met Lys His Xaa Ala Gly  
20 25

```
<210> 6
<211> 27
<212> PRT
<213> Unknown

<220>
<223> polypeptide corresponding to a section of PrP27-30
```

```
<220>
<221> VARIANT
<222> (8)..(8)
<223> /replace="Ser"

<220>
<221> VARIANT
<222> (10)..(10)
<223> /replace="Ser" /replace="Ala"
```

<220>  
<221> VARIANT  
<222> (16)..(16)  
<223> /replace="Ser"

<220>  
<221> VARIANT  
<222> (21)..(21)  
<223> /replace="Ser"

<220>  
<221> VARIANT  
<222> (22)..(22)  
<223> /replace="Leu" /replace="Phe"

<220>  
<221> Xaa  
<222> (25)..(25)  
<223> Xaa is either Val or Met

<400> 6

Gly Gly Gly Gln Gly Gly Thr His Gly Gln Trp Asn Lys Pro Ala  
1 5 10 15

Lys Pro Lys Thr Ala Met Lys His Xaa Ala Gly  
20 25

<210> 7  
<211> 26  
<212> PRT  
<213> Unknown

<220>  
<223> polypeptide corresponding to a section of PrP27-30

<220>  
<221> VARIANT  
<222> (7)..(7)  
<223> /replace="Ser"

<220>  
<221> VARIANT  
<222> (9)..(9)  
<223> /replace="Ser" /replace="Ala"

<220>  
<221> VARIANT  
<222> (15)..(15)  
<223> /replace="Ser"

<220>  
<221> VARIANT  
<222> (20)..(20)

```
<223> /replace="Ser"

<220>
<221> VARIANT
<222> (21)..(21)
<223> /replace="Leu" /replace="Phe"
```

```
<220>
<221> Xaa
<222> (24)..(24)
<223> Xaa is either Val or Met
```

```
<400> 7
```

Gly Gly Gln Gly Gly Thr His Gln Trp Asn Lys Pro Ala Lys  
1 5 10 15

Pro Lys Thr Ala Met Lys His Xaa Ala Gly  
20 25

```
<210> 8
<211> 25
<212> PRT
<213> Unknown
```

```
<220>
<223> polypeptide corresponding to a section of PrP27-30
```

```
<220>
<221> VARIANT
<222> (6)..(6)
<223> /replace="Ser"
```

```
<220>
<221> VARIANT
<222> (8)..(8)
<223> /replace="Ser" /replace="Ala"
```

```
<220>
<221> VARIANT
<222> (14)..(14)
<223> /replace="Ser"
```

```
<220>
<221> VARIANT
<222> (19)..(19)
<223> /replace="Ser"
```

```
<220>
<221> VARIANT
<222> (20)..(20)
<223> /replace="Leu" /replace="Phe"
```

```
<220>
```

<221> Xaa  
<222> (23)..(23)  
<223> Xaa is either Val or Met

<400> 8

Gly Gln Gly Gly Thr His Gly Gln Trp Asn Lys Pro Ala Lys Pro  
1 5 10 15

Lys Thr Ala Met Lys His Xaa Ala Gly  
20 25

<210> 9  
<211> 28  
<212> PRT  
<213> Unknown

<220>  
<223> polypeptide corresponding to a section of PrP27-30

<220>  
<221> VARIANT  
<222> (10)..(10)  
<223> /replace="Ser"

<220>  
<221> VARIANT  
<222> (12)..(12)  
<223> /replace="Ser" /replace="Ala"

<220>  
<221> VARIANT  
<222> (18)..(18)  
<223> /replace="Ser"

<220>  
<221> VARIANT  
<222> (23)..(23)  
<223> /replace="Ser"

<220>  
<221> VARIANT  
<222> (24)..(24)  
<223> /replace="Leu" /replace="Phe"

<220>  
<221> Xaa  
<222> (27)..(27)  
<223> Xaa is either Val or Met

<400> 9

Gly Gly Gly Trp Gly Gln Gly Gly Thr His Gly Gln Trp Asn Lys  
1 5 10 15

Pro Ala Lys Pro Lys Thr Ala Met Lys His Xaa Ala  
20 25

<210> 10  
<211> 27  
<212> PRT  
<213> Unknown

<220>  
<223> polypeptide corresponding to a section of PrP27-30

<220>  
<221> VARIANT  
<222> (9)..(9)  
<223> /replace="Ser"

<220>  
<221> VARIANT  
<222> (11)..(11)  
<223> /replace="Ser" /replace="Ala"

<220>  
<221> VARIANT  
<222> (17)..(17)  
<223> /replace="Ser"

<220>  
<221> VARIANT  
<222> (22)..(22)  
<223> /replace="Ser"

<220>  
<221> VARIANT  
<222> (23)..(23)  
<223> /replace="Leu" /replace="Phe"

<220>  
<221> Xaa  
<222> (26)..(26)  
<223> Xaa is either Val or Met

<400> 10

Gly Gly Trp Gly Gln Gly Gly Thr His Gly Gln Trp Asn Lys Pro  
1 5 10 15

Ala Lys Pro Lys Thr Ala Met Lys His Xaa Ala  
20 25

<210> 11  
<211> 26

<212> PRT  
<213> Unknown

<220>  
<223> polypeptide corresponding to a section of PrP27-30

<220>  
<221> VARIANT  
<222> (8)..(8)  
<223> /replace="Ser"

<220>  
<221> VARIANT  
<222> (10)..(10)  
<223> /replace="Ser" /replace="Ala"

<220>  
<221> VARIANT  
<222> (16)..(16)  
<223> /replace="Ser"

<220>  
<221> VARIANT  
<222> (21)..(21)  
<223> /replace="Ser"

<220>  
<221> VARIANT  
<222> (22)..(22)  
<223> /replace="Leu" /replace="Phe"

<220>  
<221> Xaa  
<222> (25)..(25)  
<223> Xaa is either Val or Met

<400> 11

Gly Trp Gly Gln Gly Gly Thr His Gly Gln Trp Asn Lys Pro Ala  
1 5 10 15

Lys Pro Lys Thr Ala Met Lys His Xaa Ala  
20 25

<210> 12  
<211> 25  
<212> PRT  
<213> Unknown

<220>  
<223> polypeptide corresponding to a section of PrP27-30

<220>

```
<221> VARIANT
<222> (7)..(7)
<223> /replace="Ser"

<220>
<221> VARIANT
<222> (9)..(9)
<223> /replace="Ser" /replace="Ala"
```

```
<220>
<221> VARIANT
<222> (15)..(15)
<223> /replace="Ser"
```

```
<220>
<221> VARIANT
<222> (20)..(20)
<223> /replace="Ser"
```

```
<220>
<221> VARIANT
<222> (21)..(21)
<223> /replace="Leu" /replace="Phe"
```

```
<220>
<221> Xaa
<222> (24)..(24)
<223> Xaa is either Val or Met
```

```
<400> 12
```

Trp Gly Gln Gly Gly Thr His Gly Gln Trp Asn Lys Pro Ala Lys  
1                       5                       10                       15

Pro Lys Thr Ala Met Lys His Xaa Ala  
20                       25

```
<210> 13
<211> 27
<212> PRT
<213> Unknown
```

```
<220>
<223> polypeptide corresponding to a section of PrP27-30
```

```
<220>
<221> VARIANT
<222> (9)..(9)
<223> /replace="Ser"
```

```
<220>
<221> VARIANT
<222> (11)..(11)
<223> /replace="Ser" /replace="Ala"
```

```
<220>
<221> VARIANT
<222> (17) .. (17)
<223> /replace="Ser"

<220>
<221> VARIANT
<222> (22) .. (22)
<223> /replace="Ser"

<220>
<221> VARIANT
<222> (23) .. (23)
<223> /replace="Leu" /replace="Phe"
```

```
<220>
<221> Xaa
<222> (26) .. (26)
<223> Xaa is either Val or Met
```

<400> 13

Gly Gly Gly Gly Gln Gly Gly Thr His Gly Gln Trp Asn Lys Pro  
1 5 10 15

Ala Lys Pro Lys Thr Ala Met Lys His Xaa Ala  
20 25

```
<210> 14
<211> 26
<212> PRT
<213> Unknown
```

```
<220>
<223> polypeptide corresponding to a section of PrP27-30
```

```
<220>
<221> VARIANT
<222> (8) .. (8)
<223> /replace="Ser"
```

```
<220>
<221> VARIANT
<222> (10) .. (10)
<223> /replace="Ser" /replace="Ala"
```

```
<220>
<221> VARIANT
<222> (16) .. (16)
<223> /replace="Ser"
```

```
<220>
<221> VARIANT
```

```
<222> (21)..(21)
<223> /replace="Ser"

<220>
<221> VARIANT
<222> (22)..(22)
<223> /replace="Leu" /replace="Phe"
```

```
<220>
<221> Xaa
<222> (25)..(25)
<223> Xaa is either Val or Met
```

```
<400> 14
```

Gly Gly Gly Gln Gly Gly Thr His Gly Gln Trp Asn Lys Pro Ala  
1 5 10 15

Lys Pro Lys Thr Ala Met Lys His Xaa Ala  
20 25

```
<210> 15
<211> 25
<212> PRT
<213> Unknown
```

```
<220>
<223> polypeptide corresponding to a section of PrP27-30
```

```
<220>
<221> VARIANT
<222> (7)..(7)
<223> /replace="Ser"
```

```
<220>
<221> VARIANT
<222> (9)..(9)
<223> /replace="Ser" /replace="Ala"
```

```
<220>
<221> VARIANT
<222> (15)..(15)
<223> /replace="Ser"
```

```
<220>
<221> VARIANT
<222> (20)..(20)
<223> /replace="Ser"
```

```
<220>
<221> VARIANT
<222> (21)..(21)
<223> /replace="Leu" /replace="Phe"
```

<220>  
<221> Xaa  
<222> (24)..(24)  
<223> Xaa is either Val or Met

<400> 15

Gly Gly Gln Gly Gly Thr His Gly Gln Trp Asn Lys Pro Ala Lys  
1 5 10 15

Pro Lys Thr Ala Met Lys His Xaa Ala  
20 25

<210> 16  
<211> 24  
<212> PRT  
<213> Unknown

<220>  
<223> polypeptide corresponding to a section of PrP27-30

<220>  
<221> VARIANT  
<222> (6)..(6)  
<223> /replace="Ser"

<220>  
<221> VARIANT  
<222> (8)..(8)  
<223> /replace="Ser" /replace="Ala"

<220>  
<221> VARIANT  
<222> (14)..(14)  
<223> /replace="Ser"

<220>  
<221> VARIANT  
<222> (19)..(19)  
<223> /replace="Ser"

<220>  
<221> VARIANT  
<222> (20)..(20)  
<223> /replace="Leu" /replace="Phe"

<220>  
<221> Xaa  
<222> (23)..(23)  
<223> Xaa is either Val or Met

<400> 16

Gly Gln Gly Gly Thr His Gly Gln Trp Asn Lys Pro Ala Lys Pro

1

5

10

15

Lys Thr Ala Met Lys His Xaa Ala  
20

<210> 17  
<211> 28  
<212> PRT  
<213> Unknown

<220>  
<223> polypeptide corresponding to a section of PrP27-30

<220>  
<221> VARIANT  
<222> (10)..(10)  
<223> /replace="Ser"

<220>  
<221> VARIANT  
<222> (12)..(12)  
<223> /replace="Ser" /replace="Ala"

<220>  
<221> VARIANT  
<222> (18)..(18)  
<223> /replace="Ser"

<220>  
<221> VARIANT  
<222> (23)..(23)  
<223> /replace="Ser"

<220>  
<221> VARIANT  
<222> (24)..(24)  
<223> /replace="Leu" /replace="Phe"

<220>  
<221> Xaa  
<222> (26)..(26)  
<223> Xaa is either Val or Met

<400> 17

Gly Gly Gly Trp Gly Gln Gly Gly Thr His Gly Gln Trp Asn Lys  
1 5 10 15

Pro Ala Lys Pro Lys Thr Ala Met Lys Xaa Ala Gly  
20 25

<210> 18

<211> 27  
<212> PRT  
<213> Unknown  
  
<220>  
<223> polypeptide corresponding to a section of PrP27-30

<220>  
<221> VARIANT  
<222> (9)..(9)  
<223> /replace="Ser"

<220>  
<221> VARIANT  
<222> (11)..(11)  
<223> /replace="Ser" /replace="Ala"

<220>  
<221> VARIANT  
<222> (17)..(17)  
<223> /replace="Ser"

<220>  
<221> VARIANT  
<222> (22)..(22)  
<223> /replace="Ser"

<220>  
<221> VARIANT  
<222> (23)..(23)  
<223> /replace="Leu" /replace="Phe"

<220>  
<221> Xaa  
<222> (25)..(25)  
<223> Xaa is either Val or Met

<400> 18

Gly Gly Trp Gly Gln Gly Gly Thr His Gly Gln Trp Asn Lys Pro  
1 5 10 15

Ala Lys Pro Lys Thr Ala Met Lys Xaa Ala Gly  
20 25

<210> 19  
<211> 26  
<212> PRT  
<213> Unknown

<220>  
<223> polypeptide corresponding to a section of PrP27-30

```
<220>
<221> VARIANT
<222> (8)..(8)
<223> /replace="Ser"

<220>
<221> VARIANT
<222> (10)..(10)
<223> /replace="Ser" /replace="Ala"

<220>
<221> VARIANT
<222> (16)..(16)
<223> /replace="Ser"

<220>
<221> VARIANT
<222> (21)..(21)
<223> /replace="Ser"

<220>
<221> VARIANT
<222> (22)..(22)
<223> /replace="Leu" /replace="Phe"

<220>
<221> Xaa
<222> (24)..(24)
<223> Xaa is either Val or Met

<400> 19
```

Gly	Trp	Gly	Gln	Gly	Gly	Gly	Thr	His	Gly	Gln	Trp	Asn	Lys	Pro	Ala
1															15
Lys	Pro	Lys	Thr	Ala	Met	Lys	Xaa	Ala	Gly						
															25

```
<210> 20
<211> 25
<212> PRT
<213> Unknown

<220>
<223> polypeptide corresponding to a section of PrP27-30
```

```
<220>
<221> VARIANT
<222> (7)..(7)
<223> /replace="Ser"

<220>
<221> VARIANT
<222> (9)..(9)
```

```
<223> /replace="Ser" /replace="Ala"

<220>
<221> VARIANT
<222> (15)..(15)
<223> /replace="Ser"

<220>
<221> VARIANT
<222> (20)..(20)
<223> /replace="Ser"

<220>
<221> VARIANT
<222> (21)..(21)
<223> /replace="Leu" /replace="Phe"

<220>
<221> Xaa
<222> (23)..(23)
<223> Xaa is either Val or Met

<400> 20

Trp Gly Gln Gly Gly Thr His Gln Trp Asn Lys Pro Ala Lys
1           5           10          15

Pro Lys Thr Ala Met Lys Xaa Ala Gly
20           25

<210> 21
<211> 27
<212> PRT
<213> Unknown

<220>
<223> polypeptide corresponding to a section of PrP27-30

<220>
<221> VARIANT
<222> (9)..(9)
<223> /replace="Ser"

<220>
<221> VARIANT
<222> (11)..(11)
<223> /replace="Ser" /replace="Ala"

<220>
<221> VARIANT
<222> (17)..(17)
<223> /replace="Ser"

<220>
```

```
<221> VARIANT
<222> (22)..(22)
<223> /replace="Ser"

<220>
<221> VARIANT
<222> (23)..(23)
<223> /replace="Leu" /replace="Phe"
```

```
<220>
<221> Xaa
<222> (25)..(25)
<223> Xaa is either Val or Met
```

```
<400> 21
```

Gly Gly Gly Gln Gly Gly Thr His Gly Gln Trp Asn Lys Pro  
1 5 10 15

Ala Lys Pro Lys Thr Ala Met Lys Xaa Ala Gly  
20 25

```
<210> 22
<211> 26
<212> PRT
<213> Unknown
```

```
<220>
<223> polypeptide corresponding to a section of PrP27-30
```

```
<220>
<221> VARIANT
<222> (8)..(8)
<223> /replace="Ser"
```

```
<220>
<221> VARIANT
<222> (10)..(10)
<223> /replace="Ser" /replace="Ala"
```

```
<220>
<221> VARIANT
<222> (16)..(16)
<223> /replace="Ser"
```

```
<220>
<221> VARIANT
<222> (21)..(21)
<223> /replace="Ser"
```

```
<220>
<221> VARIANT
<222> (22)..(22)
<223> /replace="Leu" /replace="Phe"
```

<220>  
<221> Xaa  
<222> (24) .. (24)  
<223> Xaa is either Val or Met

<400> 22

Gly Gly Gly Gln Gly Gly Thr His Gly Gln Trp Asn Lys Pro Ala  
1